PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference UM-09484		Form PCT/ISA/220 re applicable, item 5 below.		
International application No. PCT/US05/01363	International filing date (day/month/year) 18 January 2005 (18.01.2005)	(Earliest) Priority Date (day/month/year) 16 January 2004 (16.01.2004)		
Applicant THE REGENTS OF THE UNIVERSITY C				
This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau. This international search report consists of a total of sheets. It is also accompanied by a copy of each prior art document cited in this report.				
 Basis of the Report With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item. 				
furnished to this Author	search was carried out on the basis of a translity (Rule 23.1(b)).			
b. With regard to any nucleotid	e and/or amino acid sequence disclosed in t	he international application, see Box No. I.		
2. Certain claims were found	unsearchable (See Box No. II)			
3. Unity of invention is lacking	(See Box No. III)			
4. With regard to the title,				
the text is approved as submi	•			
the text has been established	by this Authority to read as follows:			
		·		
5. With regard to the abstract,				
the text is approved as submit	ted by the applicant.	i		
the text has been established, may, within one month from t	according to Rule 38.2(b), by this Authority a he date of mailing of this international search	is it appears in Box No. IV. The applicant report, submit comments to this Authority.		
6. With regard to the drawings,				
1 1	iblished with the abstract is Figure No.	•		
as suggested by the a	•			
[] ,	thority, because the applicant failed to sugges	· ·		
N //	thority, because this figure better characterize	es the invention.		
b. none of the figures is to be put				

INTERNATIONAL SEARCH REPORT

International application No.

			PC1/US05/0136	3
1	ASSIFICATION OF SUBJECT MATTER			
IPC(7) US CL	: A61K 38/05, 38/06; C07K 5/062, 5/083	5. 540/10	0 520 052	
US CL: 514/18, 19; 530/331; 540/484; 544/1; 546/245; 548/100, 530, 953 According to International Patent Classification (IPC) or to both national classification and IPC				
B. FIEI	LDS SEARCHED	HALIOHAI C	lassification and IPC	
	locumentation searched (classification system followe	11 . 1		
U.S. : :	514/18, 19; 530/331; 540/484; 544/1; 546/245; 548/10	ed by class	sification symbols)	
0.0	21 11 10, 12, 23 0/32 1, 2 to/ 40 4, 3 44/1, 240/242, 340/10	30, 330, 3	33	
				
Documentat	tion searched other than minimum documentation to t	he extent	that such documents are included	in the fields searched
Electronic d	ata base consulted during the international search (na	me of dat	a base and, where practicable, se	arch terms used)
Please See C	Continuation Sheet		mile praericable, sea	area terms used)
C. DOC	CUMENTS CONSIDERED TO BE RELEVANT			
Category *	Citation of document, with indication, where		to of the relevant	T 5.1
X	US 6,608,026 B1 (WANG ET AL) 19 August 2003	appropris	ne, of the relevant passages	Relevant to claim No
^	especially the Abstract, column 11, line 43 - column	n 12 line	003), see entire document,	1. 2. 4. 5. 7. 8, 10-14
Α	US 2002/0177557 A1 (SHI) 28 November 2002 (2	8/11/2002	2) see entire document	16-24, 26-30
	(===, == ==============================	0,11,2001	o, see chare document.	1-30
Х	WO 2004/005248 A1 (NOVARTIS PHARMA GM	BH) 15 Ja	anuary 2004 (15/01/2004), see	1-12, 14-17, 19-30
	entire document, especially the Abstract, page 10,	lines 12-1	3, page 11, line 25 - page 12,	
	line 14, Examples 2-6.			
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	documents are listed in the continuation of Box C.		See patent family annex.	
Տր	pecial categories of cited documents:	"T"	later document published after the inte	mational filing date or priority
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particular	relevance	"X"	_	
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document	which may throw doubts on priority claim(s) or which is cited to		when the document is taken alone	
establish tl specified)	he publication date of another citation or other special reason (as	"Y"	document of particular relevance; the c	laimed invention cannot be
			considered to involve an inventive step with one or more other such documents	when the document is combined
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document.	referring to an oral disclosure, use, exhibition or other means		obvious to a person skilled in the art	s, such combination being
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P' document priority date of the act of the	published prior to the international filing date but later than the te claimed tual completion of the international search (20.04.2005) illing address of the ISA/US Stop PCT, Attn: ISA/US missioner for Patents Box 1450	Date of Authori Jeffrey	mailing of the international searce 13 NOV 2019 zed officer E. Russel	s, such combination being
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Continuation of B. FIELDS SEARCHED Item 3:			
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INTERNATIONAL SEARCH REPORT

International application No.

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IPC(7)	: A61K 38/05, 38/06; C07K 5/062, 5/083	540400 500 050			
US CL	: 514/18, 19; 530/331; 540/484; 544/1; 546/245 • International Patent Classification (IPC) or to both no				
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	ocumentation searched (classification system followed 14/18, 19; 530/331; 540/484; 544/1; 546/245; 548/100				
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Documentati	ion searched other than minimum documentation to th	e extent that such documents are included:	in the fields searched		
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Electronic de	ata base consulted during the international search (nar	ne of data hase and where practicable sea	rch terms used)		
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C. DOC	UMENTS CONSIDERED TO BE RELEVANT		······		
Category *	Citation of document, with indication, where a	innomiate of the relevant naccages	Relevant to claim No.		
X	US 6,608,026 B1 (WANG ET AL) 19 August 2003		1. 2. 4. 5. 7. 8, 10-14,		
1 ^	especially the Abstract, column 11, line 43 - column		16-24, 26-30		
A	US 2002/0177557 A1 (SHI) 28 November 2002 (28		1-30		
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X	WO 2004/005248 A1 (NOVARTIS PHARMA GMI		1-12, 14-17, 19-30		
	entire document, especially the Abstract, page 10, li	nes 12-13, page 11, line 25 - page 12,			
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Further	documents are listed in the continuation of Box C.	See patent family annex.			
* s	pecial categories of cited documents:	"T" later document published after the inte	mational filing date or priority		
	defining the general state of the art which is not considered to be of	date and not in conflict with the applica	ation but cited to understand the		
	relevance	principle or theory underlying the inver	ition		
"E" earlier ap	plication or patent published on or after the international filing date	"X" document of particular relevance; the considered novel or cannot be consider	lairred invention cannot be		
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"L" document establish	t which may throw doubts on priority claim(s) or which is cited to the publication date of another citation or other special reason (as	"Y" document of particular relevance; the c	laimed invention cannot be		
specified)		considered to involve an inventive step	when the document is combined		
"O" document	referring to an oral disclosure, use, exhibition or other means	with one or more other such documents obvious to a person skilled in the art	such combination being		
"P" document	published prior to the international filing date but later than the	"&" document member of the same patent for	amila.		
	ate claimed	& document nember of the same patent is	итш у		
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	Date of the actual completion of the international search Date of mailing of the international search report				
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		Authorized officer	a Dard		
Mail Stop PCT, Attn: ISA/US Commissioner for Patents		Jeffrey E. Russel	e Toux		
P.O.	P.O. Box 1450				
Alexandria, Virginia 22313-1450 Telephone No. (571) 272-1600 Facsimile No. (703) 305-3230					
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	Continuation of B. FIELDS SEARCHED Item 3: EAST, DERWENT, DIALOG, CHEMICAL ABSTRACTS		
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